

Appendix 2: ICD-10 codes for Charlson Comorbidity Index

I21	Myocardial infarction	
I22		
I252		
I099	Congestive heart failure	
I110		
I130		
I132		
I255		
I420		
I425–I429		
I43		
I50		
P290		
I70		Peripheral vascular disease
I71		
I731		
I738		
I739		
I771		
I790		
I792		
K551		
K558		
K559		
Z958		
Z959		
G45	Cerebrovascular disease	
G46		
I60–I69		
H340		
F00–F03	Dementia	
G30		
F051		
G311		
I278	Chronic pulmonary disease	
I279		
J40–J47		
J60–J67		
J684		
J701		
J703		
M05	Rheumatologic disease	

M06		
M315		
M32–M34		
M351		
M353		
M360		
K25–K28	Peptic ulcer	
G041	Hemiplegia/ paraplegia	
G114		
G801		
G802		
G81		
G82		
G830		
G831		
G832		
G833		
G834		
G839		
E100		Diabetes without complications
E101		
E106		
E108		
E109		
E110		
E111		
E116		
E118		
E119		
E120		
E121		
E126		
E128		
E129		
E130		
E131		
E136		
E138		
E139		
E140		
E141		
E146		
E148		

E149	Diabetes with chronic complications
E102-DE105	
E107	
E112	
E115	
E117	
E122-E125	
E127	
E132-E135	
E137	
E142-E145	
E147	
B18	
K700-K703	
K709	
K713-K715	
K717	
K73	
K74	
K760	
K762-K764	
K768	
K769	
Z944	
I850	Moderate/severe liver disease
I859	
I864	
I982	
K704	
K711	
K721	
K729	
K765-K767	
I120	Renal disease
I131	
N032-N037	
N052-N057	
N18	
N19	
N250	
Z490-Z492	
Z940	
Z992	

C00-C26	Any malignancy (tumor, leukemia, lymphoma)
C30-C34	
C37-C41	
C43	
C45-C58	
C60-C76	
C81-C85	
C88	
C90-C97	
C77-C80	Metastatic solid tumor
B20-B22	HIV/AIDS
B24	